

REMARKS

Claims 1-7 were pending when last examined. Claims 1-7 stand rejected. No amendments are requested at this time. Applicants respectfully request reconsideration and allowance of Claims 1-7.

Response to Claim Rejections under 35 U.S.C. §102

Claims 1 to 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Kim et al. (KR 2001-0086613).

For Claims 1: Claim 1 is patentable over Kim because Kim does not teach “a plurality of storage electrode connections formed on the passivation layer and connecting the storage electrode lines and the storage electrodes facing across the gate lines.” The Examiner opined on page 2-3 of the Office Action that that claim 1 is anticipated by Kim because Kim discloses “all aspects of the instant invention” including: ”a storage electrode wire including storage electrode lines 25 and electrodes 26”, and “storage electrode connections 85 connecting said storage electrode lines and electrodes.” However, the storage electrode connections 85 in Kim do not connect the storage electrode lines 25 and electrodes 26 “facing across the gate lines.” See for example, Fig.4, Fig 5, Fig 14 and Fig 15 of Kim where storage electrode connection 85 connects a plurality of electrode lines 25, but is not in contact with any storage electrodes 26. Kim also fails to teach “a plurality of storage electrode connections.” In contrast, Applicant’s invention according to Claim 1 includes “a plurality of storage electrode connections formed on the passivation layer and connecting the storage electrode lines and the storage electrodes facing across the gate lines.” (See for example Fig. 4, Fig. 3 showing the storage electrode connection 91 contacting storage electrode 133, and

Fig. 5 showing the storage electrode connection 91 contacting storage electrode line 131.)

Therefore, Kim does not teach all limitations of Claim 1 and accordingly Claim 1 is not anticipated by Kim. Applicants respectfully request the §102 rejection to Claim 1 be withdrawn.

For Claim 2: Claim 2 is patentable for at least the same reasons submitted with reference to the patentability of Claim 1 above. Applicants respectfully request the §102 rejection to Claim 2 be withdrawn.

For Claim 3-4: Claims 3 and 4 depend from Claims 1 and 2 and are allowable for at least the reason of dependency on Claims 1 and 2. Applicants respectfully request the §102 rejections to Claim 3 and 4 be withdrawn.

For Claim 5: Claim 5 is patentable over Kim for at least the reason that Kim fails to disclose “the second signal lines ... connected to each other via connecting paths provided on the pixel area.” In Applicant’s invention according to Claim 5, the pixel area is “defined by intersections of the first signal lines and the third signal lines.” In Kim, reference character 85 which the Examiner identified as a storage electrode connection is located entirely outside of the pixel area. (see Fig 1 showing the location of IV and Fig. 4 and Fig.14 showing connection 85 within part IV of Fig 1). Therefore, Kim does not teach all limitations of Claim 5, and accordingly Claim 5 is not anticipated by Kim. Applicants respectfully request the §102 rejection to Claim 5 be withdrawn.

For Claim 6: Claim 6 depends from Claim 5 and is allowable for at least the reason of dependency on Claim 5. Applicants respectfully request the §102 rejection to Claim 6 be withdrawn.

For Claim 7: Claim 7 is patentable over Kim for at least the reason that Kim fails to disclose “a first common bar connecting ends of the second signal lines located opposite the first signal pads; and a second common bar connecting ends of the second signal lines located near the first signal.” Kim only discloses one continuous common bar 65 (See for example Fig. 1) and does not disclose two separate common bars. In contrast, in Applicants invention according to Claim 7, two common bars are featured. (See Fig. 8). Therefore, Kim does not teach all limitations of Claim 7, and accordingly Claim 7 is not anticipated by Kim. Applicants respectfully request the §102 rejection to Claim 7 be withdrawn.

Information Disclosure Statement

Responsive to the Examiner's request, Applicants enclose herewith a copy of reference KR 10 2001-0050708 A along with an English language abstract for the references, along with a PTO/SB/08A citing that reference. Applicants request that the Examiner initial, date, sign and retain a copy of the enclosed PTO/SB/08A thereby indicating that this reference has been considered.

CONCLUSION

In light of the foregoing, Applicants respectfully request that all rejections be withdrawn and that all of the pending claims be allowed. Should any other action be contemplated by the Examiner, it is respectfully requested that he contact the undersigned at (408) 392-9250 to discuss the application.

Respectfully submitted,

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I hereby certify that this correspondence is being transmitted to the United States Patent and Trademark Office (USPTO) via the USPTO's EFS-Web electronic filing system on March 26, 2008.


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3/26/08
Date of Signature